

CLAIMS

1. A television receiver, comprising:

first selection means for selecting a broadcast signal

5 for display of a video;

second selection means for selecting a broadcast signal
for output of a sound;

third selection means for selecting a broadcast signal
for display of program link information;

10 . receiving means for receiving the broadcast signals
selected by said first, second and third selection means as
first, second and third broadcast signals, respectively;

signal extraction means for extracting a video signal,
a sound signal and program link information, respectively, from
15 the first, second and third broadcast signals received by said
receiving means;

a display device that displays as a video the video signal
and the program link information signal extracted by said
signal extraction means; and

20 a sound output device that outputs as a sound the sound
signal extracted by said signal extraction means.

2. The television receiver according to claim 1, wherein
said receiving means includes

25 first receiving means for receiving the broadcast signal

selected by said first selection means as the first broadcast signal,

second receiving means for receiving the broadcast signal selected by said second selection means as the second

5 broadcast signal, and

third receiving means for receiving the broadcast signal selected by said third selection means as the third broadcast signal; and

said signal extraction means includes

10 video signal extraction means for extracting the video signal from the first broadcast signal received by said first receiving means,

sound signal extraction means for extracting the sound signal from the second broadcast signal received by said second

15 receiving means, and

program link information signal extraction means for extracting the program link information signal from the third broadcast signal received by said third receiving means.

20 3. The television receiver according to claim 2, wherein

said first receiving means includes a plurality of first tuners that receive broadcast signals of the same or different broadcast systems,

said second receiving means includes a plurality of
25 second tuners that receive broadcast signals of the same or

different broadcast systems,

said third receiving means includes a plurality of third tuners that receive broadcast signals of the same or different broadcast systems,

5 said video signal extraction means includes a plurality of first decoders that extract video signals, respectively, from the broadcast signals of the same or different broadcast systems, received by said plurality of first tuners,

10 said sound signal extraction means includes a plurality of second decoders that extract sound signals, respectively, from the broadcast signals of the same or different systems, received by said plurality of second tuners, and

15 said program link information extraction means includes a plurality of third decoders that extract program link information signals, respectively, from the broadcast signals of the same or different broadcast systems, received by said plurality of third tuners.

4. The television receiver according to claim 2, wherein

20 said first receiving means includes at least one of a ground wave broadcast tuner that receives a ground wave broadcast signal and a satellite broadcast tuner that receives a satellite broadcast signal,

25 said second receiving means includes at least one of a ground wave broadcast tuner that receives a ground wave

broadcast signal, a satellite broadcast tuner that receives a satellite broadcast signal, and a radio broadcast tuner that receives a radio broadcast signal,

said third receiving means includes at least one of a
5 ground wave broadcast tuner that receives a ground wave broadcast signal and a satellite broadcast tuner that receives a satellite broadcast signal,

said video signal extraction means includes at least one
of a ground wave broadcast video decoder and a satellite
10 broadcast video decoder provided corresponding to the ground wave broadcast tuner or the satellite broadcast tuner,

said sound signal extraction means includes at least one
of a ground wave broadcast sound decoder, a satellite broadcast
sound decoder or a radio broadcast sound decoder provided
15 corresponding to the ground wave broadcast tuner, the satellite broadcast tuner and the radio broadcast tuner, and

said program link information signal extraction means
includes at least one of a ground wave broadcast program link
information decoder and a satellite broadcast program link
20 information decoder provided corresponding to the ground wave broadcast tuner or the satellite broadcast tuner.

5. The television receiver according to claim 1, further comprising:

25 program information storing means for storing program

information of a program to be broadcast; and

same-content-program searching means for searching for programs of the same content on the basis of the program information stored in said program information storing means.

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6. The television receiver according to claim 5, further comprising:

same-content-program display control means for displaying on said display device the programs of the same content searched by said same-content-program searching means.

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7. The television receiver according to claim 6, further comprising:

same-content-program selection control means for controlling the selecting operation to be carried out by said first, second and third selection means on the basis of the programs of the same content displayed by said same-content-program searching means.

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20 8. The television receiver according to claim 1, further comprising:

broadcast signal coincidence control means for controlling said first and second selection means so that the first broadcast signal and the second broadcast signal received by said receiving means become coincident with each other when

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the program based on said first broadcast signal or said second broadcast signal changes to a commercial break.

9. The television receiver according to claim 8, further comprising:

setting means for setting the television receiver in a mode that a video and a sound of the commercial break are output or a mode that a video and a sound of the program are output when the program based on said first or second broadcast signal received by said receiving means changes to the commercial break, wherein

said broadcast signal coincidence control means controls said first and second selection means so that said first and second broadcast signals become coincident with each other in accordance with said set mode.

10. A method of receiving a broadcast signal, comprising the steps of :

selecting a broadcast signal for display of a video;
selecting a broadcast signal for output of a sound;
selecting a broadcast signal for display of program link information ;

receiving said broadcast signal for display of the video, said broadcast signal for output of the sound and said broadcast signal for display of the program link information as first,

second and third broadcast signals, respectively;

extracting a video signal, a sound signal and program link information, respectively, from said received first, second and third broadcast signals;

5 displaying said extracted video signal and program link information signal as videos; and

outputting said extracted sound signal as a sound.

11. The method according to claim 10, further comprising
10 the steps of:

storing program information of a program to be broadcast;
and

searching for programs of the same content on the basis
of said stored information.

12. The method according to claim 11, further comprising
the step of displaying said searched programs of the same
content.

13. The method according to claim 12, further comprising
the step of controlling the selecting operation of said
broadcast signals on the basis of said displayed programs of
the same content.

14. The method according to claim 10, further comprising

the step of controlling the selecting operation of said broadcast signals so that the received first and second broadcast signals become coincident with each other when a program based on said first or second broadcast signal changes
5 to a commercial break.

15. The method according to claim 14, further comprising the step of setting the television receiver in a mode that a video and a sound of the commercial break are output or a mode
10 that a video and a sound of the program are output when the program based on the received first or second broadcast signal changes to the commercial break, wherein

said step of controlling the selecting operation of said broadcast signals includes the step of controlling the
15 selecting operation of said first and second broadcast signals so that said broadcast signals become coincident with each other in accordance with said set mode.